

Sealed No.

#### THE UNITED STATES PATENT AND TRADEMARK OFFICE

Lorin, R. Rainden:

130I Ari Uoliti 08/727,789

January S, 1996 10/07/56 Mat

TRUE RADIO PREQUENCY IDENTIFICATION CARD AND HOT LAMINATION PROCESS FOR THE MANUPACTURE OF RADIO PREQUENCY **IDENTIFICATION CARDS** 

Considerate of Potests and Trademarks Westington, D.C. 20231

Keith Leighton

#### AMENDMENT

Dog Sk:

In program to the Petrot and Trademark Office Artica dated September 8, 1997, please accond the above-identified application as fallows:

In the elebration

Ployers Address the Sollowing clother; 6, 9, 10, and 19.

Player acroad the Sallowing claims:

L.(Amended) A Best benjeptive] proude for incomparating at least one classically elected in the properheture of a plantin and, [mid protects] comprising the steps of:

photo ever cital places has talk galactory (a)

(b) positioning said at least one cloubouis element in fits absence of a negotiachtesis: consists allowably between said first and exceed plantic over streets to family a [layered] core, sold plantin men almost declining a pain of favor and cities professe at mid.com;

present a or men bits gettingten ben, matemage vonction is in one take gettinisting (a) proteins cycle, with hore, and progress cycle comprising the steps of

() heating said outs [in said hydronies] for a first paried of times,

- (ii) [thereafter] applying heard a first pressure to said core, first account period of three such that exist at least one electropic electron is encountaint [in] by said exec[.];
- (\$\tilde{\alpha}\$) (and timesation) cooling and core (in excitantion with institutes sum) while applying a second pressum (being applied) to said core [, said core including an appeal and lower surfaces].
- (4) [printing on] coming at least one of mid (upper and lower) onthe surfaces of mid core [puch that] with a layer of his (is equived to sold at least one upper and lower surface of mid cores); and
- (a) [positioning said costs in a luminator approxima with a layer of evolutionants fills on at least one of gaid upper and leaver excluses of said costs and hashating said) applying a layer of evolutionate. Sites to at least cost of said mater purificult of each cost [to said implicator to thereby form a sheet of plastic tand stock; and,
  - (8) outling at local one card from said about of plantic cord clock].
- 2. (Amended) [A hot intrinsics] The process for incorporating at least one electronic element in the manufacture of a plantic and as recited in chim. I, wherein said [step (a) of positioning said core is a] lambsalor appearing [in carried out by positioning said core between] has first and meand has implied plates, at least one of said flast and record has intelligent lawing a matter finish its provide at least one of said upper and lower one surfaces with a corresponding] for provide a territoric surface on at legations of said outer core surfaces of said core.
- 3. (Amended) (A list legalization) The process for imagenting at least one electronic electric in the magnification of a placely coupl in cooled in which 2, wherein each of soid list and accord legalization place [includes] has a poster finish (to provide both of soid super and lower stephens of soid once with a correspondingly) for greating and tenhand confuse an hath of soid colors.
- (Amended) (A local temperature) The process for incorporating at local way electronic alternation.
   the many figures of a photocoral as yacted in claim 1, wherein pold first and second photocora.

shoots are made from a material extented from the group consisting of polyvists, industrials, polyvists, and anytomicile butadions-styress, [wherein] each of sold shoots [has] leaving a fairteness in the range of \$.007 [inches] to 0.024 [factors] justs.

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 (Appended) [A hot jumination] The process for incorporating at latest one electronic electronic in the proportionary of a plantic goal to recited in claim 4, wherein sold first and atomic plantic care shorts have a thickness of approachestely 0.0125 inch [inches].

(c).

(Amended) [A bet increasion] The protons for incorporating at least one electronic electronic format.its

the remoderators of a plantic cond as excited in claim 1, wherein (said chap (c5) is consist out with

extent and account protons (that) is proton then (the run) and first pressure (utilized to step

(c6).



It: (Amended) [A lest incrimation] The persons for imporparating at least con electronic element in the manufacture of a plantic conf. or received is closed, wherein (the leastman) and mound pressure [utilized in step (c5)] is at least approximately 25% greater than (the run) and first property [utilized in step (c5)].

At (Asserted) (A hot lumination) The process for incorporating at least one electronic element in the manufacture of a plantic card as recited in claim [6] 1, wherein sold (step (a3) is sacried out by heating sold (core in heated in step (c)d) to a temperature in the range of (300) 275 P to [370]

486 P and sold from a sold of time in [8m] at least from (5) [5 to 10) solutions.



[197 (Assemble) [A the Semination] The process for incorporating at least one electronic element in the expendicular of a printle conf. or rectand in claim (12) 1, wherein said [sing (o4) is control out by introducing said luminator runs) that processe [to a processe) is approximately (in the sange of 700 p.s.) to [ (000 p.s.) and evid present partial of time is (200) at least 10 minutes.

(Amounted) [A bot lumination) The process for immorphishing at least contribution element.

In the magnification of a plantin and su positod in claim 1, wherein sold step (4) is carried out.

militing a printing pross.

If (Amended) [A lest instinction] The process inclusionmenting at least one electronic electronic left (Amended) [A lest instinction] in the committee of a plantic cond as reciped in claim 1, whereas said step (d) is considered with children a conting recipion (notificial) solution from the proop consisting of all account printing, affect printing, letterprome printing, sowers printing, red or conting, spory printing, and little-printing.

(Amended) [A hot leadershot] The protest for leasuresting at least one electronic electronic plants in the magnifection of a planting and so rection in claim 1, wherein said stay (s) (is consist out by positioning said core between first and second shoots of everteering the such that a layer of everteering table to be instanted to both and upper and lower surfaces of said core] of applying a layer of strategramme. (Im according to further support.)

- (a) positioning to conductivate the on at least one job coated perfect of said spars.
- (b) ediposing soid over to a record heat and proposed early computing the steps of
- (i) heating antidecore to a temperature between expressionabily 175°F to 100°F for approximately 10 to 25 minutes;
  - (ii) implying approximately 1000 p.s.i. process to said cope, and
- (II) conting and man in a temperature in the respect expression below to 65°2'. So expression this to 25 minutes.

(7) (Amended) [A bet information) The property for incorporation at least one electronic alternation for an appropriate point and at received to claim. I, wherein said at least one electronic district in a union-city and an executively vice automa.

PI (Amendod) [A but hazimather] The precise for incorporating at least one electronic algument in the meaning-later of a plantic part on recited in claim I, wherein said at least one circlessic electronic electronic last articol-chip and an associated electric board actions.

R3

in the manufestorn of a plantic rank as section in elektr 1, wherein said at locat one electronic element is a manuferite integrated chip and an especiated university.

#### Kindly and the following see claim?

ff[]

A hot implication process for the prescriptions of plastic cards, said process comprising the stops of:

- (a) providing first and social plants over shorts;
- (b) positioning at latest one electronic electronic in the absence of a non-electronic constant directly between said first and secured plants onto shade to firm a layound core;
- (c) positioning wild core in a laminator apparatus, and subjecting said core to a heat and parature syste, wild have subjections syste competition the stope of
- (i) hereing unid core in said juminator, in the persons of a minimal tirst same persons, to a temperature which counce constrained flow of said plantic which makes up said first and second plantic core shorts;
- (ii) applying a second process without y second core for recognishing split at least one electronic element within sold controlled flow plantic;
- (All) indescribed cooling and one in conjunction with the constraint application of a third prosesses mid-turnly across said core, said core industries and oppose and lower surfaces;
- (d) printing on at least east of well apper and lower surfaces of still cores such that a layer of last is applied to at least a position of said it least one upper and lower surface of said some.

The method as recited in chain 20 whends unit first and anomal ours layers are derecid of any approximate contrasts.

#### REMARKS

The Perendous has rejected each of the prodicts obtains, 1-19, under 35 U.S.C. 100(a) so being manifestable ever U.S. Pat. No. 4,450,024 ("the "\$24 prices") to Heghini-Tohami. This rejection is proportially increased.

From the Branches's rejection, it is apprent that the Branches obtains to have found each

h K of the elements of applicant's claimed invention articlested by the '024 patent with the exception of the printing step, which the Exeminar limb devices under section (03(x). Applicant maintains that the '024 patent door not track the patent of the present application over in the steemer of the printing step.

The '824 patent chains a humbation process for uniting an electronic and which protects the electronic alarment of the cord by first photon; it is a record found within a cord layer so as to swell durings to the electronic elegant from localized pressure applied in the localization process. The putent then requires that a "boffer zone" be present within the record. Here, the broadest of claims of the '924 putent requires a record and a boffer man, for and presenting the electronic element. These are required by the '924 invention in color to enable the cast assembly to be subjected to a full lambating pressure.

No such protective elements are desiral or necessary to the invention of the passent application. Purther, the invention implie by the 1924 pulsat requires that the electronic element also be placed in a protective course dick (6), which is subsequently located within the recess.

The controlled we of a heat and pressure cycle of the present invention allianates fine.

Implies stop formal in one or store of the and layers for entrying and protesting the electrosis electros. The process of the present invention allows the electrosists containing one to be explicated to the full landpoint pressure without one of a recess in a cond layer. Utility mything shows in the prior set, the electrosis unit is placed directly between two (2) placed cheets.

Admittally, the "Est paints down to the reference to cord farming processes which vary pressure with importants. The Parist down to the 190-46. However, there is nothing in the "104 patent which reggests the last and processes cycle of the process invention. The "654 paints to work the down the reduction of processes cycle of the process invention. The "654 paints are only the down the contained of steps or the downton of steps or the downton of steps which might be mad to exequate the electrosic element by a plants cond. The "654 paints down not discuss a cooling step, not done it proposes a schedule to the relation to the relation.

The Hamilton observely name that it is well within the purview of spec of ordinary skill in the sri to very independent with the type of material being implicated. However, the present invanion involves sense than controlling presence as a descript of importance, the present

invention claims a coordinated hast and pressure cycle which uses maidple temperatures, pressures and time periods for a single material. The dependent claims include limitations on the ratio of pressures to be applied at various stages of the process as well as specific imagestages are truly and time periods for each step. Claim 15 includes a further heat and pressure cycle to be used, in the overlandation step, a step which chann't investe protecting the electronic electron.

The manufactors made to the chains have not been made to avoid the 109(a) rejection. It is believed that the obtains an originally exhaulted no explorates over the '024 potent. The emerchants were made to charley obtain language and is himse consistent language throughout both the specification and the chains.

It is believed that this application or anotated in in condition for allowance. Such action is respectfully requested.

Remothly sticited, OLDHAM & OLDHAM CO., LPA

Mart A. Walkins, Bag. Registration No. 33, 813

Twin Only Retain 1225 West Market Shoot Alcon, Okin 44919-7184 (330)664-5550

Alterny Decket No. 6014-1

EXHIBIT 10 IS BEING FILED UNDER SEAL

PURSUANT TO THE PROTECTIVE ORDER

ENTERED IN THIS CASE ON AUGUST 20, 2004

BECAUSE IT CONTAINS CONFIDENTIAL INFORMATION

DESIGNATED AS "TRIAL COUNSEL'S EYES ONLY"

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Page 522

IN THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF MEN YORK

Plaintiff, )

ya. | Came No. |

OHERTHUR CARD SYSTEMS, S.A. |

and OBERTHUR CARD SYSTEMS |

(Volume III - pages 522 through 875)

defendants.

OF AMERICA CORP.,

Continued Videotaped deposition of KELTH LEIGHTON, a witness herein, called by the defordants as if upon cross-examination, and taken before David J, Cullier, RPR, Notary Public within and for the State of Chio, pursuant to Notice of Deposition and pursuant to the further stipulations of counsel herein contained, on Monday, the 23rd day of October, 2006 at 8:02 a.m., at the offices of Tackle & Associates, 1020 Chio Savings Plaza, City of Cleveland, County of Cuyahoga and the State of Chio.

Page 793

- that. What I'm asking is --
- <sup>2</sup> A In prior art.
- Q -- in the prior art, did you ever see any
- \* protective covering on any electronic elements?
- 5 A In the prior art reference, I believe they
- used the 024 patent.
- Q Okay. And what's your memory of what was
- in the 024 patent as a protective --
- 9 A That had a electronic carrier in it.
- Q Okay. And your invention was different
- than that. You didn't need a carrier.
- 12 A No.
- 23 Q Because the process steps that you used
- would allow the chip to be encapsulated without
- damage; is that right?
- 16 A Correct.
- Q And you didn't add any other layers in
- between the core sheets in which the electronic
- element was directly placed because it was
- unnecessary in your process?
- 21 A That's correct.
- 22 Q You didn't put any adhesive in there, for
- 23 example?
- 24 A No.
- 25 Q You didn't put a life saver around the chip

Page 794 to protect it? Α No. You didn't cut out a hole or recess to protect it? 5 Α No. You didn't need any of that? 0 7 No. A And the -- and the people that you spoke with prior to when you developed Leighton Technologies, did they ever tell you why they 10 didn't want to take a license under your 11 patents, other than telling you no? 12 13 Α No. Did they ever say anything specific about 14 the patents or the prior art or your process? 15 Motorola was going to take a license and 16 Α they were talking with my attorney, Mark Watkins 17 at the time, and then they finally -- they were 18 planning a meeting, and then they finally sent a 19 letter stating that they exited the business. 20 Okay. Why don't --MR. DeFRANCO: 21 why don't we just take a couple minute break. 22 I'm going to try to go through some documents

> MR. GUTKIN: Okav.

and eliminate the need to --

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S29blata UNITED STATES CISTRICT COURT SOUTHERN DISTRICT OF REW YORK 2 3 LEIGHTUN TECHNILOGIES, LLC, Plaintiff-Counterclaim Defendant, 04 CIT. 2496 (CM) 6 MARKMAN HEARING 7 CHERTHUR CARD STETCHS, S.A., Defendant-Counterclaim Plaintiff. 9 10 White Plains, M.Y. 31 Pobruary 9, 2005 10:00 a.m. 12 13 Before: 14 THE HONORABLE COLLEGE MCMAHOU. District Judge 35 16 REPEARANCES 17 SUTHERIAND, ASBILL & BRENKAN, LLP -18 Attorneys for Plaintiff-Counterclaim Defendant 19 ROBERT A. GUTKIR SEATR M. JACOBS WEIL G. COURN 20 CHRISTING ONDRICK 21 22 BAKER & NCKENSIE Attorneys for Defendant-Counterclaim Plaintiff 23 JAMES DRVID JACOBS FRANK M. GASPARO 24 Also present: NIREILLE CLAPIER, Oberthur inhouse counsel 25

SOUTHERN DISTRICT REPORTERS, P.C. (212) 805-0300

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THE COURT: Ob.

MR. B. JMCOBS: See where I'm going?

THE COURT: Yes, I see where you're going.

MR. S. JACOBS: So there are different stages to this process, of course. And the buffer pre-lamination --

THE COURT: Here's the problem. The patent says that you position the electronic element prior to lamination directly between the two plastic sheets in the absence of a nonelectronic carrier. That's where that comes in. It has to be positioned directly. It doesn't become direct at the point of lamination. It became direct at the point of positioning.

MR. B. JACOBS: And that's what we've tried to show. If you look at the third diagram over there, where we have positioned directly the electronic element, where it's touching plastic sheet one and plastic sheet two -

THE COURT: Right. And that's before any lamination. You put the plastic sheet does. You put the electronic element on top of it. You put another plastic sheet on top of that. Then when you have that sandwich, you do the process on it. Right?

MR. B. JACOBS: Yes. That is correct.

THE COURT: Right. Okay.

MR. B. JACOBS: And so what we're saying is there's just no need to get into the recess or the boffer. They're extraneous at this point in time. The namelectronic carrier

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protects, it holds, it serves a protective purpose, and it has structure. That's what's clear from the dictionary definitions. That's what's clear from the prior art. And that's what's clear from the specification when we look through and we confirm everything. Those points are the key points that it holds.

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Most of those points aren't disputed, if you look at the proposed construction.

THE COURT: There is nothing there that does any of those things. That's the point of your patent, that there's nothing that does any of those things.

HR. B. JACOBS: That's exactly right. We eliminated that and, in eliminating that, came up with something novel and something new. That is the main reason why the first patent, the '207 patent, issued. The '024, that's correct.

So what we did was we amended the claims in the absence of a normlectronic carrier. We took out that protective holder, that disk-shaped holder that was essentially shown in the prior art, and we emplaised that that's one of the benefits, one of the many boundits of this process, that we're able to —

You put down the electronic element on top of that. You put plantic sheet makes two on top of that.

MR. B. JACOBE: And then do the lamination through the

GOUTHERN DISTRICT REPORTERS, R.C. (212) 805-0300

### Exhibit 13 is a true and correct sample of unlaminated Amex cards.

EXHIBIT 14 IS BEING FILED UNDER SEAL

PURSUANT TO THE PROTECTIVE ORDER

ENTERED IN THIS CASE ON AUGUST 20, 2004

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EXHIBIT 15 IS BEING FILED UNDER SEAL

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ENTERED IN THIS CASE ON AUGUST 20, 2004

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ENTERED IN THIS CASE ON AUGUST 20, 2004

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Burry R. Mosteller

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#### CONFIDENTIAL - Trial Counsel Eyes Only New York, NY

February 24, 2006

	Page 1		
1	UNITED STATES DISTRICT COURT		
2	SOUTHERN DISTRICT OF NEW YORK		
3			
4	x		
5	LEIGHTON TECHNOLOGIES LLC,		
∫ 6	Plaintiff,		
7	-against- Civil Action No.		
8	OBERTHUR CARD SYSTEMS, S.A., 04-cv-02496		
9	OBERTHUR CARD SYSTEMS OF (CM) (LMS)		
10	AMERICA CORPORATION, ORIGINAL		
11	Defendants. UNIUNAL		
12	X		
13	CONFIDENTIAL - TRIAL COUNSEL EYES ONLY		
14			
15	Videotaped Deposition of BARRY R. MOSTELLER,		
16	taken in the above-entitled matter before RICH		
17	GERMOSEN, Certified Shorthand Reporter, (License No.		
18	XIO1847), Certified Realtime Reporter-NJ, (License		
19	No. XR00168), Registered Professional Reporter,		
20	Certified Realtime Reporter and a Notary Public		
21	within and for the States of New York and New Jersey,		
22	taken at the offices of SUTHERLAND ASBILL & BRENNAN,		
23	L.L.P., Grace Building, 1114 Avenue of the Americas,		
24	40th Floor, New York, New York 10036, on Friday,		
25	February 24, 2006, commencing at 9:53 a.m.		

Barry R. Mossolfor

#### CUNFIDENTIAL - Trial Connect Eyez Only New York, NY

February 24, 2006

	<del></del>	<del></del>
Ì		Page 96
1	Q.	What type of lamination machine is
2	used?	
3	A.	A Burkle laminator.
4	Q.	Is that the only lemination
5	machine that's	used to make the American Express
6	contactless em	art cards by Oberthur?
7	A.	Yes.
В	Q.	Is that a weight compensated
9	laminator?	
10	A.	No.
21	Q.	Can you explain what you
12	understand a weight compensated laminator to be.	
13	A.	My understanding of a compensation
14	laminator means that there is some type of shock	
15	or mechanical	connection to aliminate the weight
16	of the platen.	
17	Q.	Are you familiar with the term
18	openings or da	ylights as it's used on the
19	laminator?	·
20	A.	I balieve I am, yea.
21	Q.	How many openings or daylights are
22	there on the B	wrkle laminator that's used to make
23	the commercial	contactless smart cards for
24	American Expre	sa?
25	A.	Four.
L		

Exhibit 19 is a true and correct sample of unlaminated prelams supplied to Oberthur by Smartrae.

Exhibit 26 is a true and correct sample of unlaminated prelams supplied to Oberthur by Aontec.

#### Exhibit 21 is a true and correct sample of unlaminated Xenon cards.

March 9, 1999

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BAY FREBMAN OKNYLOB

FROH:

Enteh LEIGHTON

LEIGHTON'S SMART CARDS & SYSTEMS, INC.

9087867:

RADIO PREQUENCY IDENTIFICATION CARD AND HOT LAMINATION PROCESS FOR THE MANDFACTURE OF RADIO PREQUENCY IDENTIFICATION CARDS

Thank you for taking time to read my patent. It is important that I cuphasize to you the following:

CLAIM 1 COLUMN 6, OF MY PAYING ON RADIO PROCESS FOR THE MANUFACTURE OF RADIO PREQUENCY IDENTIFICATION CARDS

This claim pertains to the procusses for incorporating at least one electronic element in the manufacture of e plastic card. I do not juggle or combine known con-ventional processes with my formulas. My formulas are · MPiqu

In order to partice a total surface secotimese of 0.0005", 1 designed special laminating plates which are unique.

The temperatures I ame are nonconventional in that I exceed 320 degrees fabreabeit. I maintain a surface pressure of zero pounds per inch for a specific time period. This is unique.

I liquely the pinchic before applying additional pooned per ageans inch to avoid breaking the electronics. This is anique.

In order to prevent distortion of the printed images, I print on the constructed core sheets containing electronics following the first lemination step - making it possible to reach 180 Standard thickness without adding additional printed sheets. This is unique.

SHOOTHNESS OF THE CARD

Companies are doing the bob legislation, but they are cutting windows/cavities in the card.

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Page 2

Magch 8, 1999

TO:

SAY FREEMAN

GENELUS

PROM: Kelth Leighton

In order for a hot lamination glossy mard to maintain a total surface amouthness of 0.0005° capable of receiving dye sublication printing over the eptire serface of the card, it cannot have sindows/cavities in it. I do not not windows/cavities and, therefore, my card has a total gloss; surface smoothness of 0.0005" and non receive dys sublimation printing over the entire cars. This is Unique.

DETAILED DESCRIPTION OF THE INVENTION (COLUMN 4, LINE 12 OF MY PATENT)

> under DETAILED DESCRIPTION OF THE INVENTION, you will read about the wide variety of plastics that can be used to manufacture my card. This variety includes silectable plastics, the preferred being polyvisyl culpride (PVC). Any manufacturer that makes a plastic card using a hot lamination process without windows/cavitles (no matter what plactic they use) is in violation of my patent.

PINARCIAL CARD HARRET

My hot lemination card prote the thickness and overlaninate requirements for the world's ringualed card warket (150 and ANGI standards) and is more attractive to the eye than the cold lemination card. My card can receive the bot fold holograms required in VISS and MASTETCARD and can be embossed . in specific areas.

CONTACT/CONTACTLESS CARD

I believe contactless cards will replace the contact chip cards in the near future because the banks will demand a hot insinction cord for exceptly remember-

Best regards,

Ralin Caighton

Lavontor

Phone: 440-960-1697 440~960-0013

Page 522

IN THE UNITED STATES DISTRICT COURT FOR THE SCUPPERN DISTRICT OF MEN YORK

. . . . -

plaintiff, )

ys. ) Case No.
) D4 Civ. 02496 (CNC)

OBERTHUR CARD SYSTEMS, S.A. )

and OBERTHUR CARD SYSTEMS )

OF ANSRICA CORP., )

defendants. )

(Volume III - pages 822 through 875)

Continued videotaped deposition of REITH LENGETON, a witness berwin, called by the defendants as if upon cross-examination, and taken before Bavid J. Collier, RPR, Motary Public within and for the State of Chio, pursuant to Sotice of Deposition and pursuant to the further stipulations of counsal herein contained, on Monday, the 23rd day of October, 2006 at 8:02 a.m., at the offices of Tackla & Associates, 1020 Chio Savings Plaza, City of Cleveland, County of Cuyahoga and the State of Chio.

Page 839

- area, and do the wire bonding to the chip in
- this area. They would put a chip right in here.
- 2 O In between those two?
- 4 A Yeah. This is just an advertisement here.
- 5 Q And then where would they punch the hole?
- A In the center here. They would punch a
- nole in the center, just to put the chip in.
- \* then they would wire bond to the chip.
- , Q Okay. So the chip would fit in the hole?
- 10 A Right.
- n Q Okay. And would the hole protect the chip
- during the lamination process?
- 13 A Yes, it would.
- 14 Q And your process didn't need to have a hole
- or recess to protect the chip?
- A That's correct.
- 17 Q Okay. Could we -- could you draw the hole
- that would be punched? Do you mind if we draw
- on this, or --
- 20 A I don't care. That's all right.
- 21 Q Okay, Could you draw the hole that would
- 22 be -- that's not going to come out too good.
- 23 That's not bad. Can you just label
- 24 that with a little arrow that says "hole." For
- chip, that's for the chip?

\*\*\*\*\*CONFIDENTIAL DEPOSITION\*\*\*\*
IN THE UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK

Leighton Technologies, LLC, )

Plaintiff-Counterclaim )

Defendant,

)Case No.

-V3-

)04Civ

Oberthur Card Systems, S.A.,)2496(CM)

Defendant-Counterclaim )

Plaintiff.

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Deposition of KBITH R. LEIGHTON, a witness herein, called by the Defendant-Counterclaim Plaintiff, as if upon cross-examination under the statute, and taken before Luanne Stone, a Notary Public within and for the State of Ohio, pursuant to the issuance of notice and subpoena, and pursuant to the further stipulations of counsel herein contained, on Sunday, the 9th day of October, 2005 at 9:00 o'clock A.M., at the Renaissance Hotel, the City of Cleveland, the County of Cuyahoga and the State of Ohio.

\*\*\*\*\*CONFIDENTIAL DEPOSITION\*\*\*\*\*

Tackla & Associates Tackla & Associatesonio Savinge Pleza 1801 E. Minth Street Cleveland, Ohio 44114 216-241-3019 - Feb. 244-244

216-241-3918 • Fax 216-241-3935

Page 160

- 1 conclusion. Vague and ambiguous.
- 2 BY MR. JACOBS:
- 3 Q What do you understand the word,
- 4 protection, to mean in the context of your
- 5 invention, not requiring any protection for
- 6 the microchip?
- 7 MR, GUTKIN: Vague and ambiguous.
- 8 THE WITNESS: These other
- 9 manufacturers are using buffers, a material
- 10 that would flow at a lower temperature than
- 11 the temperature of flowing the PVC, as one
- 12 means.
- 13 BY MR. JACOBS:
- 14 Q Any others?
- 15 A In Motorola's process, their antenna
- 16 acted as a buffer, although it was not a
- 17 buffer, to take the pressures off the chip
- 18 because the chip was within the inside of
- 19 the coil of wire. The coil of wire was
- 20 thicker than the chip.
- 21 Q Is the -- was there any other -- any
- 22 other type of protection?
- 23 A Not that I'm aware of.
- 24 Q Would a P -- PVC layer that had a hole
- 25 in it in which the chip sat, would that

Page 161

- 1 qualify as protection?
- 2 MR. GUTKIN: Vague and ambiguous.
- 3 Lacks foundation.
- 4 THE WITNESS: It would relieve
- 5 pressure off the chip.
- 6 BY MR. JACOBS:
- 7 Q So, it would protect the chip from the
- 8 full lamination pressure of the press.
- 9 correct?
- 10 MR. GUTKIN: Same objections.
- 11 THE WITNESS: It depends on how thick
- 12 that sheet is too.
- 13 BY MR. JACOBS:
- 14 Q Well, assuming that the thickness of the
- 15 sheet fully rose above the level of the
- 16 chip, would it protect the chip from the
- 17 lamination pressure?
- 18 MR. GUTKIN: Same objections.
- 19 THE WITNESS: It would help to. I
- 20 would assume it would help to. It depends on
- 21 the construction of that chip. For the
- 22 different manufacturers, we have different
- 23 chips.
- 24 BY MR. JACOBS:
- 25 Q So, other than the Motorola chip, you're

# EXHIBIT 25

United States Patent 129 Hights-Tehrani et al.		NT 4,450,024  45  May 22, 1944
BC-M604	PECATION CARD WITH AN SULE AND MEETHOD FOR CONG IT	(24) Reference Chief.  U.S. PATENT DOCUMENTS  2,22(32) W204 Rolle cl.4
[15] I	p: Yalipa Baghlel-Tillemi; Josephia Huppa, lepit of plantals, Red. Rep. of Cleanury	5,41(30) (1/1904 Thomas   54/1909 3,417/87 11/1904 House   54/190 3,417/87 11/1904 Kenner   156/190 4,114/517 1/1909 Bales e. al.   216/172/17
(73) Alakana	GAD Charlishet für Astronolog mit Organisation other, Mitsubal, Pod	Primery Rosenber—John J. Collegher Attorney, Agent, or Phro-Audito, Stanies, Stanies & Bernell
PO 4-2-24	Rep. of Generally	[37] ANSWEACT An identification cost oppings with an integrated ele-

· [21] April No.: 284,484

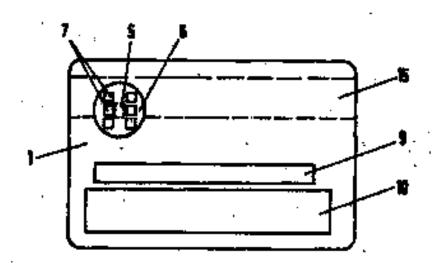
Ferrige Application Princing Date Arg. 1, 190 (DE) PA Noy. of Germany ..... 362939

河 味味。 156/250; 156/252; 156/2064; 256/2084; 156/3093; 156/222; 156/2044; 266/272.17;

and by the cord on all sides by we of the last a technique. In cords to the last signs. In order to protect the wa ers, the curvier element is relainated to the full. hadrofity protococy when me or more byear is the out obstruction have sultaned.

This is achieved, for countrie, by providing builts some in the core luminate at least in the area of the assumpthe implesting pressure as a desertion of the or the degree of columbs of the card top

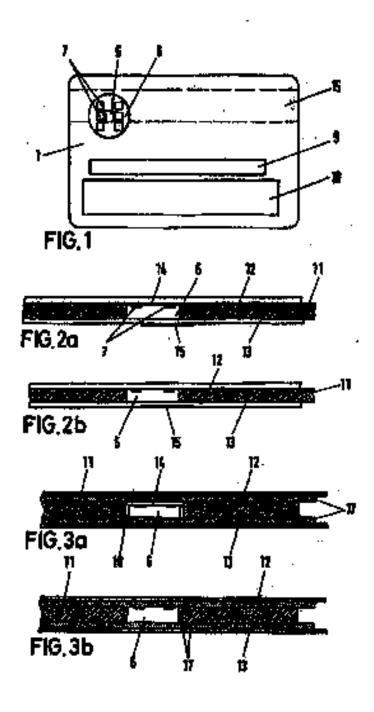
# 12 Cates, 7 Durning Physics



U.S. Patent May 22, 1984

Sheet 1 of 2

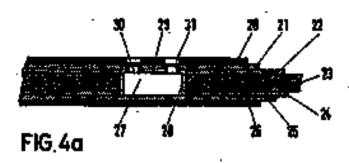
4,450,024

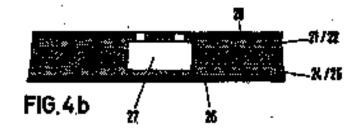


U.S. Patent May 22, 1984

Sheet 2 of 2

4,450,024









#### · IDENTIFICATION CARD WITH AN ECHOPOLE AND MESTERO FOR PRODUCING IT

The invention converse as identification card or a 5 decider data carrier with an IC croatele for the processing of electrical signals, whereby the IC contain along with its connection leads is accounted on a separate carthe element which is read to comparison to the Montil-cation and. The investiga further constraint a modest of 10 producing this type of identificatio card.

Mamification cards with ambedded 3C medicin have been known for some time. The DB-OS No. 26 sy 573, for comple, displace in IC models to which all the for example, displace in IC module to which all the connection, leads are arranged on a requeste carrier is plate consisting of digid material. The country plate is given into an appropriately prepared crosses in the card of a connected at the edges with the card by a high-fraquency welding process. These mathods estell only a night degree of thermal and nearlimited stress for the 20 arrangement, but on elistennia is request to the card production, since several propoducal staps, some of which are technically complicated, and to carried out to the production of the dependent is intended in the case of 21 constitutes of the carrier element is intended in the case of 21 continue of the comfor element is intended in the case of 21 this known identification card to take place in the secalled embouring most, so that there cards do not made the manifestory which require the embusing was to be used only for embusing.

The object of the investion than consists in providing to as (deathering out) with an EC module which evoids

the above-mentioned discharges and two to pro-duced with considerably these tectulard encapeers. According to the invention this object is solved

through a parties element luminoised into a caref compan-ite said comments with the identification caref on all sides and over its active nucleo. The method of profitstion in characterized in that during the heating place of the identification cord leaves. He imminishes prosume to legal leaves then to the final leadanting places, at least in 40 the same of the country decrease.

The breather was the het hashedou technique. which has been topyer for some time and a stabilished in practical separation, in order to apply the courier element provided with the IC mediate and the courses 45 tion heats to the card composite in our percentural step

during the making of the various card legron.
The presenting of a supersta carrier abstract pro-tract independently of the identification could producparticularly advantagaous for this propose.

The operior almost, which also bears all the commo-

then leads in addition to the integrated circuit, is purifica-tarty mated to could manhanted stoop. This is expectally 32 true of the stone to which the bientification coul is expected in their way

The employment of a handardog technique that has been tried out for some than is practical operation 44-lows for the possibility of a radional production of the 40

Perthermore, bet lautinated bleedfination cards att characterized by an exaction approxime which is due to, among other things, the exactle and highly temper-mit come layers of the card. Moreover, had huminated 40 identifications contains very well exerced against forg-ery, as this technique requires a contidential degree of practical aspectance and the various beyon of a bet-

eated identification card one be represed from such other only by destroying the ourd.

Electrification cards with integrated circults, for the production of which cards hast mol/er last and pro-ners are mind, are already become (DB-OS No. 22 20 721, DE-OS No. 36 33 164). However, suffic the investhen at head, the Martiflestion camb of the publications are head us as auticaly different computerties of the MC card. The network bonded with the integrated circuit is arranged over a large surface of a middle cond layer. In dans arrangements the connection points between the natwork and the IC arrangement are greatly endon-pered during production of the card as well as during by

The prior publications, which exercise the identification ouri production only in pussing, are not extended towards practical application in respect to the identifi-cation card trained ogy. The prediction techniques are taken over from the usual identification and predicttion, without taking but consideration the specific problems arising to the incorporation of IC modules and their communion hash into identification confe. However, the DE-OS No. 24 79 773 is the first to deal

with the practical problems science in the production and heating of IC bloodination could, is refer to the fact that production by means of a lest inclination took-signs to not primited as the MC arrangement to the grantly exchanged expendedly by the thermal stress in order to evold the difficulties fout arise from this, another ment reces subcreate and trobalcully improvided names of ourd production is therefore add though the arguments saled in the DS-OR No. 26 59 575 against the had humbacker technique were untatundstad by a member of experiments, it turned out that the production of IC identification courts by the se-called less handwrites technique in constitution possible if op-cial memory, see taken in protect the IC stockels and its assessment leads. It also turned cut that act only the froming stress, but also the great mechanism stress dur-ing the territoring process can contage the IC arrange-ment to the same degree, especially when local process peaks appear in the area of the arrangement. This type of stom can break the silicon water and/or (source) justines of the crystal and the commotive tents, which are achieved by the effect of the less arrange.

The bank idea of the terration caracter conscious in

applying the full hardwising pressure to the curtier ab-The presenting of a superists corrier element pro-tional independently of the identification could produc-tion in order to produce FC identification could by using 30 by providing leafler across in the card companies before the acceptable last leasthanton technique prover to be R in particularly, or in the immuning provides never from the organizer element during the initial prints. A further providing to prints in a particular prints in a function of the initial prints. of the improvement and/or the degree of softness of the identification part by un. The appearance of local part sure punis is not consiste at the epecation according to the invention all involves the full immenting present being applied over the ordice purition of the material that is already polyment or is also doubly deformable in a cold

into and proposeds the currier element. In the following, the analysis care the invention as are someous, and manufacture or the sevention are described in most detail with reference to the situation described describes. These shows:

1933, 1—the top where of an identification can't with an embedded integrated cheest.

1933, 20, 3—the first antiodiness of the said contravious card only in the said contravious card of the said card of the

3 FIGS. 3c. 4—the second embodement of the unit construction before and ofter lumination in promote-

FIGS. 4s, 6-the third seabodinum) of the card onestruction before and after lamination in cross-coulon 5

PERM Se, 6—the flourth embediants of the card congrection before and after lumination in unpus-su-

PSG. 1 shows an identification cand 1 with an embed- 10 dad IC models 5. The IC models itself is placed in a contrier plement 6 which has a disk-alonged countraction in the exhibitment shows. The control surfaces 7 are provided for contacting.

the cord production. The commencies of the cursiar element, the type of materials ampleyed, the armogemost and apprication of the consects our very grantly depending up the technical resources and the range of light is application of the elements in the finished Manifestian 39 state.

The identification card shows in FIG. 1 seeds the DIO morns in its dimensions and in the azimagement of harther theoriestal seem. Accordingly, the respective PK33. Se and 30 show the second embedience of the strip 13 is on the revenue side of the card, at also shows 25 invention, in which one or more builty source are **■ FTOS 34 &** 

The embodiments described in the following altere by way of example by what moves frost presence peaks one 35 be kept somy from the courier element, although the whole cast composite, including the eras in which the carrier element is managed, exceives the full lexitating pressure at least in the final phase of the least-using

It is thus possible to produce identification cards with on integrated current with the quality of usual hol-leminated cards without endosposing the circuit and its ardice leads.

invention before and after the innimiting process. The proportions of the various elements of the earth are not always shows in correct scale in this said the following cathodinant, for the sale of abouty.

The shaple card composite shapes in cross-section W occasing of empowerly many-layered and printed—card cors or ourd had \$1 and the cover files 12 and 12. The card core and the cover films can counts of FVC (polyvinyl chloride). Paper can also be used as a cord bad. The cord had is provided with a cloudy fixed result to 15 accept the marier classest & The thickness of the card bed is cleaner returble to the thickness of the certific cicurcus 6 in made a way that a constry 14 results in the principalities out composite between the series of the merries element and the cover film 12.

The carrier element is only subjected to little stress in the initial place of the immenting process due to the buffer some factored by the cavity 14. In the further course of the handstalling pracess the ourst conseposite is gradually heated up so that the PVC-layers action. In 65 On exhauter phase of the layers the covery 14 disap-poses and the full handraking presents many also labor offert in the area of the curren element & In this phase

the authorist layers form a craftice which lesses book presence peaks away from the certier element.

As shown in the imminated card composite (FIG. 26),

the carrier element 6 in connected with the identifibetion cord I on all sides and over its antire surface. Le. it is imminuted in. In the process a magnetic strip 18, if required, is embedded in the film meterial in made a very that a amount surface also results in the acce of the magnetic siris.

The contacts or coupling changes 7 are covered to the embediment by the Sim 12. This custodiment is thus article for indirect (connection) contacting (a.g. capec-tive ar optical). If the rearry transfer is to later place optically, the cover film 12 should be constructed so as The carrier element 6 is produced independently of 15 to be transported in the area of the coupling element according to the type of light corpleyed. When I'll (in-frared) light is coupleyed, the corter film can be black-coupl to the arm of the carrier alamans, so that stray light is simultaneously kept away from the IC errange-

In principle direct contenting one also be carried out, if, for example, the cover layer 13 is placed for content

ing with appropriate contact elements.

PK35. So and 30 show the moond embodiment of the formed by intermediate layers in the cord occupants. For example by a so-called landauting adhesive. For this purpose the cover films 12 and 25 are covered with the FIG. 1 shows at advantageous arrangement of the 30 (FIG. 3a).

Adherent 6 outside the carboning fields 9 and 18, respectively, in an axes of the card subsector 2 and 20.

Adherent controls a subsection of the card subsector 2 and 20.

Adherent controls a subsection of the card subsector 2 and 20.

have and have a softening temperature below that of the cover layers obstess for the card enmeaths.

in the above-conditional ambodiment the crosss of the cand core 13 is possible with a dissister larger than that of the cerrier element 6. Them a first gap 14 action secured the cerrier element 6, in addition to the cavity 14 thoses in FiG. 2s. The record word not in this case be or Brigh on the consist element within puch merrow limits as in the arrangement shows in FIG. 24.

The corrier element is knowly stripested to any stress in the initial phase of the learning process is the card construction shows in FAS. In either, As some as the FRISE. In and In show the first embediences of the 42 handaring temperature market the neftering temperarure of the adhesive 17 and finally surpuses is, the hard-tering adhesive 17 flows into the cuvities 14 and 18 and they forms a hamogeneous racing for the courier ste-

> The carrier element then protected from local prespure pende can now accept the full lamineding proover its area and transfer it to the emroundings. In the mannions the cover films have also executed the soften-ing temperature up that finally an incimate composite of all layers with each other and with the carrier element

> which is closed in an all class, receipt.
>
> In the complete testimant identification cord (P13),
> 36) the constant element is in accounted by the adjustice (f) which is cluster in a cold state and keeps the machani-cal stress arising in the daily one of the cond away from the courier element to a countdownlife dispress.

Polymethens our be provided not only to a feature attentive, but plus in the form of a feature attentive film. in the card observation. If a very soft polyeculture Patiens affective Site (e.g. platfice 100-Thi Plate Bown Orahii) in mored in the court ecompositie, it is possible to obscure the Egislatus of the various ours layers relatively to the fairfunction of the certific element within such finish so as

to make the cavity \$4 very small or completely disap-post, if none he. A very soft fusion adjuster than is this to accept local property peaks to a certain degree, sweet when the card composite it to a cold state. When the the soften the laministing present then proceeds as described above:

PTCHE, 44 and 46 there the third exheriment of a cost epartraction speceding to the levention, in which the buller street use formed by using smoog other fallen. compound films.

The arrangement charact in FIG: 4s shows the con-struction of the card layers below localisation.

polyminythms (PS). PS can be worked within broad reages as the as its memberships and thermal qualifies are construed depending as its density. PB with few den-sity is, makin PVC, relatively not while having pros-

artic deformability and a low spillaring point. In the extended charleous a receiving principal depos In the extended dark costs a recess a parameter representing on the elementer of the courter interpret 27, which come between a gap their all around the carrier identes.

The thickness of the various layers of the card core is an charge relative to the thirty and file parties elevated My in such a way that a contry 25 also regarded between the omplex element and the cover layors 21 and 22 next to it. The cover layers 28, 21 and 28, 26 counts of polyethyhas control polyrhyl chloride films which are pro-cessed as composed films. The upper cover byer 30, 31 is provided with appropriate coveres 31 to conduct the cornect 30 of the corner closuest 77.

he a cold state the carrier closest 27 is heally at-facted by the presence of the leadering plats due to the soluted layer constraints. In the course of the leader-ing process the PS layers are that subjected to the flow plants so that the carriers 28, 28 are 18 of up with the PS material. The earling protects the convict clossost from local prosesso posits storing the high prosessy secondary on in the first phase of imphelien and also provides good protection against exchanged deformation in the daily see of the cond.

In the animal report of an IC bland Equition, card above in PRE 40, the contents of the cutrier element 37 are as directed to the surface of the cover layer, so that is this our direct controlling is penaltic.

FIGS. So mad \$5 show a fourth embediment of the investion, in which only so-called compound films we coul to force the bellet cores

The composed then used in this example to cover the composed than used in this example to cover the layers are polymer flam. (PSIP) 30 and 40, requestrolly, which are content with polymeryteen (PS) 30 and 50, supposed than counter of PS 30, 40 and PVC 31, 57, 65 at the part of the layer counter of PS 30, 40 and PVC 31, 57, 65 at the layer counter that to this remaind counter optimistly of PVC or

The man core man as an owner opening of PVC or pager due to this special card construction. P(C) to show the identification and after the imm-nating propers, which one preceded at explained in con-taction with P(C), to, the An assessment, the waver to these of this identification, and carely of a special poly-

PHIP (polyethylene glycol temphiluistis) is a timeemplettic polymer with very great dgillty, great shat-stre pointages, little tradency to contract and a high of softening point. These films are that especially well raited for identification cords that are exposed to give stress in deally was

As the polymeter Dies employed have only little tre-dency to contract, wilks, for example, PVC Block it is possible to least the card prospector at the without possible to least the cord strasposite at first without using presence, until the PH layers go late, the flow phase The cord compound inflemed in this way is then present together under presents. The cord layers that have been softward to a heating unit can then softwardly be present together e.g. with the high of two reflect, by the se-cathed policy lymination architecture.

In the above contrasting to the cold composite to promote the corrier obsessed.

It is, however, then seemble to movide the cardier.

The many hyerest circl core to state of a paper layer
13 and the filter 32 and 24 arounged on both with of fits
layer. These filter counts of the intermophatic pateries

or only purchase and facts believed of the intermophatic pateries

or only purchase of the intermophatic pateries

district with a facility none order its craims believed

or only purchase and facts believed during the incheshis prices have been mentioned in commection with the description of PICH. It must be. The carrier element could be dispose in an appropriate ratio for a calling of to entire michael.

If the corrier elections that if estates of right natural, s partial conting of the element sex, for exemple, be provided by covering the contest that with a factor affective film as a builty source.

A factory possibility of protecting the comics element there local prosess peaks charles instruction countries in conting the huminating places with a work first like quatethat at least in the most of the currier olympia. Silicon

can in them in the more of the currier observed. Shows eighbor in, for example, appropriate for this purpose. Pleasily it is also possible to protect the currier element applies local mentional stress during becomes for into interesting touch, if the leadering possesses is utilizated as a function of the temperature, in this case the constructing trademity of the first type employed must be taken into consideration, by it rises with the

especialism. The institution presence will then he increased as a Suscitor of the temperature is such a way that the files. healted to not week but on the other hand the curies element is subjected to the full including persons in the Sent phase of the including procuse, after the cord legels have authored. By me of the method of contribling the instincting protectes at a function of the tempto-tion, integrated observe can be embedded in identification comits underspersonly, without my next of mich-

On the other hand, it may prove could for certain terms of application, e.g. the processing of fibre with a prost contracting tendency, to continue the archeol of controlling the lambering pressure with one or more of the above-prestrand protective measures.

What is claimed in:

were a content at producing a multi-type identifica-tion and leving an [Countrie for protesting electrical signals, the [Countrie with its operantive leads being arrested on a sequence carrier electric for its could picture to the identification runt, said austinoi grading

positive to the experimental control of the pro-lication of the card and comprising the steps of providing as identification and manufacting as interest. Input having a most for the cardier phasest and at least one surveing layer hast and

connect text at most one obvious layer next and
obje to the interval layer, at least one of said layers
being the consist obsent in the excess;
interving the consist obsent in the excess;
interving the consist obsent in the excess
interval, entitlishing a brailing production of flavor to
air electric for limiting the application of flavor to

the certier element prior to thermal softening of the good layer; and

applying treet and pressure to the identification card assembly to best and the layers together, mid ladies familiag the application of force to the cerrior element price to authoring of the thermally submattle layer to avoid localized pressure on the carrier electors.

 The method as is claim I wherein the step of cutab-lishing the fuffer is further defined as forming the moose. in the interest layer of the identification card mecebly to provide specing between at least case of the legers and the surrier element polon to the scalening of the

lishing the buffer is further defined at providing as additional and layer internativity the internal layer and covering layer having a lower thannal softening point.

than that of the covering layer or internal layer. (a) (ayer.

4. A metical as in chairs 2 wherein the step of establishing. Vehing the builter is Storber defined as at Just partially uncaring the carrier element in a manuful briving a therand achieving point lower than that of the covering

1. A method at in claim I wherein the step of attain-Nations the buller in further defined or providing to shalls mean intermediate the confer element and alleast can of the layers to which pressure is applied.

6. A method as in chies 5 whereis the step of estat Habing the befor is further ordined as at least partially securing the carrier element is an electio material.

7. A method as it claim 5 wherein the step of otab hidden the buffer is further defined as forming the buffer by incorporating an elastic layer in the identification could assembly.

I. A marked as in plain. 3 for their delimed as provides na chittia astanti interpretinto piu carrier ale layer that has a higher degree of charicity in the un-boated state than the layers of the cook assembly.

9. A carried as in chain 1 farther defined as controlthermally schemble layer.

3. A method as in claim 2 wherein the step of establishment applied to the assembly as a function of the parameters of the assembly.

FIL A method as in chain 1 forther defined at controlling the presence applied to the assembly as a function of the assessed of noturing of the thermally columbic

TL A method as in chies 2 further defined at applying the best to the identification cond successivy and the test

tur applying pressure to the anamaly.

12. A mothed up in chira 7 wheels the step of coint
13. Subing the builtir in Settler defend as furning the builtir

14. As charts, coating on one of the layers of the mail.

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# EXHIBIT 26

Page 1

# Westlaw.

423 F.Sapp.2d 425 423 F.Sapp.2d 425

(Cite as: 423 P.Stepp.24 425)

#### 4

# Briefs and Other Ruleted Documents

Leighton Technologies LLC v. Oberthur Card Systems, S.A.S.D.N.Y. 2006.

United States District Court, S.D. New York, LERGHTON FECHNOLOGIES LLC, Plaintiff,

٧,

OBERTRUR CARD SYSTEMS, S.A., Defeating, No. 84 Ctr. 2496.

April 13, 2006.

Background: Assignee of patents for lumination method of menufacturing "connections smart cards" sood compatitor for infringeneral. Following claim construction, 338 F. Sapa, 2d 361, competitor moved for summary judgment on its level dity consideration.

Heldings: The District Court, Maldaham, J., hold that

- fact issue excited on to whether patent was anticipated, and
- (2) fact issue existed as to whether parent was obvious.

Motion denied.
West Headactor
III Petents 291 (Car72(1)

291 Patents

29111 Parentability
291111(2) Authoritation

291k72 Identity of invention

291k72(1) k. In General. Most Cited

#### Capta

Patent enticipation requires processes in single prior art disclosure of each and every element of claimed invention, 35 U.S.C. a. 8 102/b).

[2] Patento 291 Exret5

291 Patents

2910 Patentability
291(kD) Anti-species
291k63 Prior Patents

291k65 k. Sufficiency of Conception.

#### Most Cited Cases

Where prior art document does not explicitly disclose all characters of claimed invention, it may accordiscless anticipate by inherency if equacial continuity would be recognized by one skilled in the art as accountly present 35 U.S.C.A. 5 (02/b).

[3] Petceta 291 €==62(3)

291 Patenta

2010 Patentability
2010(D) Anticipation

291k57 Buideane of Prior Knowledge or

Uge

291k62 Weight and Sufficiency 291k62(3) k. Degree of Proof Re-

quired. Most Clied Cases

Patent articipation must be established by clear and convincing evidence, 35 U.S.C.A. 8 102(b).

(d) Potents 291 €==312(3.1)

291 Patenta

291XII Infringement 291XII(C) Suits in Equity

<u> 291k3|2</u> Bridence

2911312/3) Weight and Sufficiency 2911312/11) t. in General, Mont

# Cited Carea

Where technology in quantiest is easily understood, factlinder may consider questions of patent infringement and invalidity without separa testimony.

[5] Putenti 291 (5=323.2(3)

29) Palents

29 XII InDingrenout

291 XII(C) Soits in Equity

291k-323 Pixal Judgment or Decree

2912323.2 Succeey lodgment

291k321.2(3) L. Perilosier Casas,

# Most Cited Coses

house of material fact as to whether multiple advertising brochume from thegle course constituted single prior set reference precluded attenuity judgment on claim potent for method of manufacturing contactless

423 F.Supp.2d 425 423 F.Supp.24 425 (Cite su: 423 9.545e.2d 425)

Page 2

expert cords was invalid as enticipated. 35 (1.5 C.A. & 102(b).

#### 61 Patrick 291 €=323,2/3)

# 291 Pataeta

291XII Infringentent 201XII:C1 Suits in Boosty

1918323 Final Indomest or Decree 291k323.2 Summary Judgment 291k323.2(3) k. Partirolar Casca.

#### Most Clica Cases

Issue of material fact as to whether prior arts "sendwich" diagram and temperature pressure chart inherently disclosed all elements of patent for method: of macadeoturing contactions assert contraprecioned someony judgment of invalidity due to maintenation. 35 U.S.C.A. & 102/bt.

# [7] Polesto 291 €==62(1)

#### 791 Patents

29111 Putentiability

29 H (1) Anthology

291637 Byldepas of Prior Knowledge or

Uso

2911:62 Weight and Sufficiency 291 k62(1) k. In Ottomi. Most Cited

Unions technology is saidy enderstood, claim of paient auticipation must be accompanied by expert testsmony. 15 U.S.C.A. 5 (02/h).

# III Patra to 291 €==16(2)

#### 291 Patenta

29111 Petersbooky

29111(A) Invention; Obviousness.

291k16 Invention and Obviousness in Gen-

421

291k16(2) k. Prior Art in General, Most

#### Ciled Cares

# Palents 291 €>>16(3)

# 2<u>91.</u> Patouta

291II Patentability

291II(A) Invention; Obviouses.

291k16 Invention and Obviousness in Gen-

#### ത്ഷി

291kJ6(3) k. Vlow of Person Skilled in

Art. Most Cited Cases.

#### Patenti 291 €5⇒1&29

#### 291 Patents

29111 Patentshility

2910(A) invention, Obviousses

29111613 k. Pect Questions. Most Cited

Finding of patented invention's "obviousness" deperceives the factional fundament as to stoke of prior ast, difffarences between prior act and potent chains, and amount of skill that constitutes ordinary skill in the ■L 35 U.S.C.A. 6 10G.

### 191 Peterte 201 C==0323.2(3)

#### 291 Patenta

<u> 291XIII</u> Jafriagonarii

291X(I(C) Seits in Equity

291k323 Firmt Judgment or Doorey

2916-323-2 Semmery Judgment

291k323.2(3) k. Particular Cason.

#### Most Crist Cases

hous of majorial fact or to whether one skilled in art would have combined prior art references in manner claimed in potent for method of manufacturing contections amont cards precluded summary judgment of invalidity this to obviousness. 35 U.S.C.A. 6 103.

# Patients 251 (200328(2)

#### 291 Potenta

291XIII Decisions on the Validity, Countraction. and Infringement of Particular Patents

291 k 329 Patenta Roma egyed

2911/328(2) k. Original Utility. Most Chied

# Cases

4.450.024 4.541.134 4.897.533, 1.519.101, Clied on Prior Art.

#### Patanta 251 €2328(2)

# 291 Persona

291XIII Decisions on the Validity, Construction, and hillingous out of Particular Patents 291k 322 Patenta Reasonment

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(Cite ss: 423 F.Sugg. 7d 425)

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291k328(2) k. Original Utility. Mest Cited Cases

5.517.307. 6.036.099. 6.214.155. 6.514.167. Cleef.

"426 Blair Marria Issorbs, Christian Ann Ondrick, Rebert A. Cinkin, Settlerland Astrill & Brancan LLP, Washington, DC, No. 15, Cohen, Governl Peterst Corporation International, Suffers, NY, for Plaintiff.

James David, James, Susan Rigner Knox, Todd S. Shanan, Frank Michael Gaurana, Baker & McKenzte LLP, NY, NY, for Defendant.

DECISION AND ORDER DENYTHO DEPEND-ANT'S MOTION POR SUMMARY JUDGMENT MEMAINGL District Judge.

#### **Facts**

Plaintiff Leighton Technologies LLC is assigned of four related patents in the field of manufacturing integrated circuit casts, also known as "IC cords" or, more commonly, "amort cords." The patents describe a method of manufacturing contactions sount cards by immination.

Conventional lamination techniques call for stacking constructed layers of polyvinyl chloride (PVC), polyester, or other please, possibly between layers of adherive, to form a "boot." The book is pleased between two metal plane which our be precisely heated, cooled, and weighted to apply best and pressure to the book. Laminating devices range in size from single-card devices to high-capacity devices with several sets of plates stacked vertically.

direct cards are credit-card-sized cheets of leminated plastic which contain embedded obstronics-arierachips, memory devises, sustantes, etc. Soins models of smart cards only operate when placed in physical contact with another computer (called a reader), which consequentiates with the cord through metal pick-ups on the own's surface. Never models, called "contactless" meant cards, have built-in radio fraquency antennes in place of restal "427 contacts; to send end needs to place of restal "427 contacts; to send end needs a zadio transmitter. "Hybrid" or "dual-function" smart cards possess both a contact interface and a wireless anisons corrected to the trate microchip or storage device.

Although there are industry standards for the design and fination of smart cards, there is no standard method of means actually them. Old methods involve "milling" (drilling a cavity into a card after hardre-tion) and involves oneming sometive electronics into the cavity. Another method involves oneming sometive electronics in protective tayers of plantic and luminating the components between sizes of PVC or other plantic. The insulating layer protects the components from the best and pressure of lumination, but sends to produce thicker, tops seesthetically pleasing cards.

### A. Plaintiff's History

Kaith Leighton, founder of Leighton Technologies, first noted the problems inherent in laminating smart cards while under contract to Moksroln to produce examples are cards. Leighton Duel., ¶ 4. His folial attempts involved enclosing electronic character directly within the books, and laminating the books with a printed circuit board (PCB) laminator. PCB luminators operate at higher heat and pressure than plastic card luminators, and used separate stacks for heating and coulding. Id. 91.5-6. Leighton had very little success in his initial attempt-many of the cards broke during lumination, and the remainder tacked a seconth surface and finish. Id. 9.7.

Leighton continued to research luminating techniques for contentions amont cords after the contentions amont cords after the content with historical capital, and altimately setzed upon a process that produced aesthetically pleasing devices at high yields and low cost. This process called for instituting a card containing electronic components in a specific sequence of importures and pressures which minimized demage to both the pleasic sheets and the internal electronics. He patented his method in the four patents at acid in this one ("the Leighton patents").

# B. Plaintiff's Patente

Leighton's method, as described in his first gutent. No. 3.217.207 (issued Comber 6, 1997), calls for the placement of electronic elements (such as microchips, wireless antennae, or other devices), "in the absence of a non-electronic partier," within the core of a book of plantic sheets, followed by the applica-

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tion of a specific cycle of heat and presence. See <u>207</u> Patent, cal. 6: times 18-36. The heat and pressure cycle consists of (i) hosting the core, then (ii) applying a first pressure to the core, and finally (iii) cooling the core while applying a second pressure, id at 6:30-36. The cord could then he inked and overlandssted. <u>(d. si 6:37-41).</u> Subsequent dependent status; yecite additional limitations related to aposific pressure. and temperature settings (chims 6 through 9), and the composition and frickness of the plastic shoots.

Platestiff's first dealt of the olabor, which did not recity the limitation that the electronics be placed in the book in "the absence of a nonelectronic certiar," was rejected by the economic during presecution in light of 11.5. Palant no. 4.450,024, which describes a similar process for bundration. (Duf.Ex.14). The obtions Were then extended to their present form.

Plaintiff's record patent, Number 6,036,099 (issued) March 4, 2000), describes a similar process for the menufacture of hybrid smoot courts. The first fodependant claim describes a process similar to that of the 207 catect, but provides a final step to which the motal contact plate is exposed by milling, 099 Patent. ool. 9:3-5. Dependent 428 claims in the 099 Patent also could a second pressure between 10% and 40% of the first pressure (182, at 9:33-36), elthough the description of the invention indicates that 25% is pre-ferred [19] [4] at 6:39. The process also describes the handation of an open sheet with a pre-milled savily, with the cavity being filled by a compression space: during legislation, rather than a first william step. (AC at 10: 32-56).

> FNL. The dependent claims also recite a first proteins of approximately 450 p.s.i. (<u>[d.</u> et Col. 9, Euro 31-52), different then the 1000 D.B.I. figure in the 207 Patent, 207 Patent. 7.10-13. However, documents contained in the presecution history hadicate that a runprotours of 1000 p.s.i. equals approximately 450 p.s.s. of apparent pressure on the temin-Me. In other words, the two nearbers ever to be equivalent.

Plaintiffs third patent, satisfier 6,214,155 (based) April 10, 2001), is a continuation of the 207 Palent. It.

recites method similar to that of the 207 Patent, but does not recite a final privateg step. 155 Peters. 6:18-38.

Filed 11/29/2006

Preimit's fourth putset, number 6,514,367 (insued Petroscy 4, 2003) is a configuration of the (199 Patent.) bu its first deaft, it recited a method similar to that of the <u>099 Priest</u> (for the manufacture of hybrid cards). but, like the 155 Patent, did not recite a final printing BLOU.

flowever, during promention of the 367 Patent, the examiner discovered additional references which he determined to constitute prior art: Japanese Patent No. 196-176214 and UK Point No. 2.279.610. Starrion Deal., Sx. 7 at OCS-C-045452, The IP 214 patacet, granted June 24, 1994, recites a "Tran-Type Contactions (C Cord," in which electronic elements such as a price-public and a radio frequency amount are arrayed between two sheets of plastic, and the tentire unit is hold together by "thermocompression bending "sunther term for honization, Sharing Deel., Ex. 24. The UK 610 Patent, dated November 1, 1995, resides a method of handrating amort conds (including contections smeet cards or other cards commining "inductive loog[a]" of material). Sharken Dest., Ex. 18. The putern office found that JP 214 taught the enexpensions of electronic elements directly between shorts of isminate, while the UK 610 Peters maght a similar multi-step beat and protectic cycle during lam-Imition. Sharton Dool., Ex. 7 at OCS-C-045452-53.

Planting responded to the above by further limiting the scope of the independent claims of the 367 Patent. The new claims disclosed a method in which the second pressure applied to the cord during the lamination process was 10% greater (or more) than the pressure applied during the first pressure, 367 Patent, 9:2-3. With this limitation, the patent was isguerd.

The earliest effective filing date of plajouff's cutous application is Comber 17, 1995. Def. SOMF \$12-5.

#### C. The Oathernal Series 6

Defendante organizata in flavor of invalidity rely on a series of documents published by Oakwood Design, 4. British firm that designed and manufactured temines423 Y.Sopp.2d 425 423 F.Shpp.2d 425 (Cite sa: 423 P.Supp.2d 435)

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ing devices between 1987 and 1991 under the brand name "Beries 6." The Orne documents in question are marketing brochuses and technical appelifications related to the capabilities of the Series 6 devices; one brochure cotilled, "Outwood Series 6 Laminators." exother entitled "Luminator Presses for Bank Card and Printed Circuit Board Production," and the instruction Mantal for operation of several Series 6 Lookeston Decimation of Todd, S. Sharken, Br. 10-12

\*429 The affidavit provided by the Runder of Calcwood, Richard Smith, states that charles the 1990s, the state of the art in PVC handration called for a tingle-rios process in which hast and pressure would be applied at the same these. Declaration of Richard Smith, ¶ B. This approach was highly error-prome; either heat and high pressure would be applied, causing the printed material on the surface of the said to smoor, or heat and low pressure would be seelied. crusing bubbling and other progularities in the card to surface. These problems led Smith to develop a two-step process, in which low pressure and heat would be applied during a first step, followed by an increase in presence coupled with a decrease in maypersonn. 14. 59.

The Calculoid documents describe this two-step PVC lumination process, in which bout and moderate prosstre would be applied first and then greater pressure would be applied as the temperature was reduced. Oslawoof's "Lamination Proster" irrochage includes a chart depicting the temperature and pressure applied to the cards over time. Sharing Duel., Ex. ( ) at 6.7224This chart makes clear that heat and pressure are raised at the beginning of lumination, with pressure reaching a pintous slightly before the temperature resolves its highest point. Both temperature and pressame are held constant for a centain period, after which the pressure is doubted while the cents are cooled. Id. The diagram does not state specific times, temperatures, and pressures. Id.

> FN2. The Onlivered brookures do not contain page aneabars; page prophers are per my oount.

A second Cultwood brockure, "Series & Laminstons,"

describes how one can use the Series & Junimeter to maked mismochina, electronics, industive coils or aveguatic strips into laudested PVC cards, One disgreen in particular, calkled "Cord Set for machine reading application," appears to depict a "sundwich" of several layers of plastin, including a pricted layer containing a photographic image, a framing layer. and a transparent cover, surrounding a layer of what could be inductive acids accepted on a substrate. Sharian Decl., Ex. 10 at 4. I say "appears to" because the diagram itself contains no descriptive labels. The diagram in unlabeled, but appears to depict a "madwich" Text on the mone page, but not linked to the diagram, much, "Onkwood technicism are skilled in the use of PVC polyester and apony substrates and have packaged the most applicationted micro chips within the core structure of a cand." At. The "Surjes 6. Leminsters" brothers does not conside the temperature and pressure chart from page 6 of the "Lamination Presses" brookupe,

#### D. Pracedural History

Definidant Obertistr Card Systems is a worldwide manufacturer of securi pards and other electronic devices. It manufactures must conta oversons and imparts them into the United States, and maintains. control over United States petricitaries who manufacture ameri conto domenicolly. Corpit., 77 12-13. Plaintiff filed the present complaint on March 30, 2004, alloging that defendant's monafacture and importation of smart cards infringes on its four patents.

Defendant new moves for summary bedoment on the grounds that the Leighton patents are anticipated by the Calcusod documents (35 U.S.C. 5.102), or ore obvious in light of the Onkwood documents and other prior at (35 U.S.C. \$ 103).

\*434 Crail argument was beend on April 4, 2006. [ thank both sides for their interesting presentations.

#### Discussion

Oberthan's previous for summary judgment involves a two-step reasoning process. It first argues that Claim 20 of the <u>367 Palent</u>, at well as claims 1, 6-8, and 11-14 of the <u>155 Felori</u>, were authorizated by the Onkyrood reference and so must be invalidated. It 423 F.Supp.2d 425 425 F.Supp.2d 425 (Cite at: 423 F.Supp.2d 425)

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then concrts that the rest of the claims in suit are obviour within the meaning of 15 U.S.C. \$ 103-thereby invalidating the patents in their entirety. At both stops, the argument for summary judgment fails.

# A. Anticipation

III.35.11.8.C. § 102(b) provides that a patient will not inside if the invention was patented or described in a printed publication in thir or a foreign country or in public use or a sale in this country more than one year prior to the date of the application for patent in the United States. "Auticipation under 35.11.8.C. § 102(b) requires the processes in a single prior an disclosure of each and every element of a claimed invention." Electro Mad. Siz., S.A. s. Country Life Sec. 34.F. 3d 1048, 1053 (Fed.Cir. 1994). Where a claim is anticipated by a prior written document, such document must leach one skilled in the set to practice the invention: "without under superimentation." Home Mondial. Pharm. Inc. v. Bio Technology. General Com. 424.F.3d 1347, 1335 (Fed.Cir. 2005).

[2]:[3](4) Where a document does not explicitly discions all elements of a chained invention, it may new-priheless anticipate "by inherency" if the material control would be recognized by one skilled in the ext as precessiny present. Control Con. Co. v. Manages Sec. 248 P.2d 1264, 1268 (For Cir. 1991). Anticipation must be established by older and convincing evidence. Id.

To show anticipation by a given referencer typically, tertimony concerning anticipation must be testimony from one skilled in the art and must identify each claim element, state the witnesses interpretation of the claim element, and explain in detail how each claim element is disclassed in the prior art reference.

Knito Affe. Co. Let y. Tago-Kny Toch. LLC 381 F.3d 1142, 1152 (Fed Cir 2004). However, where the lectualizary in quanton is "makiny understood," the factifinder may consider questions of infringement and invalidity without expert testimony. Prima Tel. II.C v. Polymon 8.4 R.L. 412 F 3d 1284, 1290 p. 7 (Fed Cir 2005).

There are two problems that lead to domini of defendsur's motion. [3] First, there are dispered issues of material fact concerning whether the three Outwood documents admitted by Oberthur, taken together, constitute a "single source" within the meaning of the anticipation doctrine and 35 U.S.C. 5 102. The "sandwich" diagram appears in one reference and the temperature and pressure chart appears in another. The two must quality as a single "reference" to constitute unticipatory prior art.

"[I] availed by enforcement requires that the four common of a single, prior art document discribe every alument of the claimed invertion, either expressly or inherently, such that a person of ordinary skill in the art could practice the invention without suddo experimentation." <u>Advanced Display Syn. for. v. Kent State</u>
<u>Linit.</u> 212 F.16 1272, 1282 (Fed Cir. 2000).

On their face, the three separate Calcimond bycologies do not appear to recet the single reference standard. Oberthur sulght have an enjancers if the documents were always distributed together and as "431 part of a single bandle or package. But the record is devoid of any evidence on that have. That alone werents detail of the motion.

[6] But there is smother hele in the record. This Court cannot conclude, from locking at any of the Out-wood source managin, that a person ordinarily skilled in the art of making laminated plastic cards would interested the "out-wich diagram" and the temperature-pressure than to disclose all of the shanests of Chain 20 of the 367 patent. And there is no basis for me to combate that the Out-wood materials estimate the standard for estimation "by inherency" as no one "skilled in the art" testified on the issue. Phil Continued Con Co. v. Moreonto Inc. 948 F.20 1264, 1268 (Fod Cir. 1991) (holding that where a document does not explicitly disclose all elements of a claimed invention, it may nevertheless anticipate "by inherenty" if the testerial cavitant would be recognized by one skilled in the art as operaturally present).

ENL Oberthur relies on an affidient by Barry Mostoller, Director of Product Development. for Oberther in its Exton, Poursylvania facility, in which he decueses the "sandwich diagram." Mosteller Declara423 P.Supp.2d 425 423 P.Supp.2d 425

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tion, ¶ 9-17. However, at no point does be assert that the condwich diagram inherently includes that on how such a composition would be terminated. However, even if he made such a claim, his avenuent would at best escate a question of fact for the jury.

(1) As a general rule, enticipation must be accompanted by expert testimony and must be established by alear and oppointing evidence.

To show anticipation by a given reference: typically, testimony concerning anticipation must be testimony from one skilled in the art and must identify each claim element, state the witnesses interpretation of the claim element, and explain in detail how each oldita element is disclosed in the prior art reference.

Katto hife. Co. Ltd. v. Two-key Tech. LIC. 381 P.3d 1147. 1152 (Fad.Cir.2004). Where the technology in question is "easily undensiond," the feetfunder may consider questions of infringement and invelidity without expert testimony. Prints Fak II. LIC v. Polygon S.-I.R.L., 412 F.3d 1284, 1290 n. 7 (Fad.Cir.2003). Oberthur argume that the technology in this case so qualifies. I disagree.

The "needwich diagram" is captioned "Card set for a machine reading application," but is not otherwise labeled. The related text does not speak of the greatates or absence of a "nonelectronic carrier," as recited by claim 20. Defendant's sessutions that the disgrant would teach the presence of "at least one electronic element in the absence of a non-electronic carrior" to one of ordinary skill as a matter of "common stree" are not convincing, ladeed, on the record beforcing, there appears to be some disagnessed as to what the anothrish diagram depicts, and whether such a construction anticipates the Leighton patents. See Deposition at Richard Smith at 106-107, A Setfinder would need to weigh the expect testimony as to what a person skilled in the art could get out of the disgram and the accompanying test in order to decide on the issue of actinipation.

A facting would also need to hear from a person skilled in the set in order to ascertain whether the diagram showing the relationship between temperature, pressure and thee, which Oborder claims discloses

the Leighton process, would in fact teach one of endinary skill in the art the fixee-step cycle recited in claim 20(c)(i)-(lit). It is entirely possible that comskilled in the cut would have to embark on considerable experimentation before 402 he hit upon the pracise combination of time, temperature and pressure that would result in a card with the quality of a Leighton cord.

It is cartainly not opporent to me-a person not siriled in any relevant art except the reading of documents-that the diagram districts the riements of the claim 26 process. Indeed, as I look at the diagram, I as an unskilled person would excepted that it does not dissisted person would excepted that it does not dissisted person what is appears to me that there is an overlap between what is appears to me that there is an overlap between what is appeared to happen during the "first period" of the Claim 20 process (heating) and what is only supposed to occur diving the "second period" of the claim 20 process (exceptionalize pressure). It may be that a person skilled in the ert could explain to use (and to a jury) the error of my perception. Closely, the issue must go to stial.

# B. Obstourness

(K) Oberthur claims that those eletins in suit that are not actionstic? by the Oakwood documents should asvertheless be invehidated as obvious under 35 U.S.C. § 103. Unlike a finding of extletelette, a finding of obviousness does not require that a single piece of prior art disclose all the elements of the claimed invention. Rather, a paleated invention is obvious.

if the differences between the subject matter sought to be peterted and the prior art are such that the subject matter as a Whole would have been obvious at the time the invention was made to a person having artinary skill in the art to which said subject matter pertains.

25 U.S.C. § 103(a) (2000). A finding of "ebviousness" depends on factual findings as to the state of the prior art, the differences between the prior art and the obvious, and the amount of shill that constitutes "ordinary shill in the art." <u>Advanced Dispring Sec. Inc.</u> p. Kent State Univ. 212 F.3d 1272, 1284 (Fed.Cir. 2007).

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Summary judgment cannot be granted on the feare of opasionament ENG

> FN4. Obertlett does not stages that claim 20 of the 367 Patent is obvious. Because there is a genuine issue of fact concerning the antiologisism organization of claim 20, and because Oborthor relice on the Oskwood documents in its obviousment eigeneent oo well, there is ao avoiding a trial.

[9] Defendant relice on the Celewood Missaul, UK, Patent 610, and U.S. Patents 5,519,201, 4,841,334. and 4,897,533 as evidence that Leighton's claims (other than alaim, 20) would be obvious to non sicilied. In the art. However, Operthur has not established that one skilled in the art would have combined those pertionier references so as to make the claims in the Leighton patents obvious.

"There must be some teaching, suggestion, or motivation in the prior art to select the teachings of separere references and combine them to produce the claimed combination." In re Johnston, 435 F.3d. 1381, 1384 (Fed.Cir.2006). Such a teaching or motivation can be established by expert testimony regarding the petters of the problem and the level of knowledge of one widhed in the ent at the time of the introstion. <u>At at 1385.</u> However, this Court must rely on expert testimony for such a finding-it "counct simply resolt conclesions based on its own tenderstanding or experience-or on its successor of what would be besia knowledge or common sense." <u>In ra Zarka, 258</u> F.3d 1379. 1386 (Red. Cir. 2001) (reviewing a determinstine of the Board of Polent Appeals and Interferecocos).

The element in this, the prior art, and the browledge of one of ordinary skill are "primary considerations" in the Court's analysis, although I may also consider relevent "433 "secondary" factors that would indicate a motivation to combine, such as the device's commercial success, "king folt but unsolved goods," and the failure of other inventors to succeed. Rido Mile. Co. v. Nor-Store Inc., 950 F.2d 714, 719 (Fed Cir.1991), Ye other words, if one investor seconds where manerous others Odled, or if the patented invention in suit was highly successful in the merbet, such factors indicate an increased libelihood that the plained inven-Bott was not obvious at the time of invention.

As plaintiff correctly points out, pamerous questions of metacial first preclude summary judgment at Oals stage. I have not beard from one skilled in the set so I don't know whether combining these references would have been obvious. End of story.

As to recordary considerations, the commercial surness of cards measufactured by Leighton, the state of the market for velocies suggested at the time of invention, and the showers or failure of others at the states time are all operanized issues of that on the paternal record.

#### Conclusion

Defendant's raction for summary judgment is dealed. A final pre-trial order and all motions in limited are doe June 9, 2006. All exhibits are to filed on that date, along with objections to exhibits, as per my individual practice rules. I will schedule a final pre-trial conference over the summer to rate on all objections and in finine motions. A bial date will be set for the fall at the earliest date possible.

This constitutes the decision and order of the Court.

S.D.N.Y., 2006.

Laighton Technologies LLC v. Oberther Card Bys-Icos RA

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Briefa and Other Related Dommania (Back to too)

- 2006 WL 2582010 (Trial Pleading) Amended Annver to Counteralkines, Affirmative Defenses (Assa. 11, 2006) Original Image of this Document (PDP)
- 2005 W1, 2582009 (Trial Pleading) Answer to Third Amended Complaint, Affirmative Defenses and Countarclains (Aug. 9, 2006) Original Image of this Document (PDF)
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- 2006 WL 1416590 (Trial Motion, Memorandum and Affidavia) Plaintiff Leighbon Technologies' Missearandum in Opposition to Defendant's Request

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END OF DOCUMENT

EXHIBIT 27 IS BEING FILED UNDER SEAL

FURSUANT TO THE PROTECTIVE ORDER

ENTERED IN THIS CASE ON AUGUST 26, 2964

BECAUSE IT CONTAINS CONFIDENTIAL INFORMATION

DESIGNATED AS "TRIAL COUNSEL'S EYES ONLY"